

BRUHAT BENGALURU MAHANAGARA PALIKE

YELAHANKA ZONE

NAME OF WORK :

Site preparation for "20007 870804N" in 550 803
of ward No-01 in Yelahanka Sub-Div.

Estimate Cost Rs.

6,26,750.00

5.75 Lakhs

Sl. No.	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount	
1	Removing B.S. slab of Drain and stacking (P No.25 / I N 5.32)	Sqm								
			1	20.00	1.80		36.00			
							36.00	65.72	2366.00	
	Basic Rate	62.00								
	Area Weightage @ 6%	3.72								
	Total	65.72								
2	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1 (a) / 2.3.1 (P.5/I.2.1)	Cum								
	inside		1	18.00	10.00	0.60	108.00			
			1	6.00	4.00	1.20	28.80			
	for road		1	28.00	8.00	0.45	100.80			
							237.60	166.42	39541.00	
	Basic Rate	157.00								
	Area Weightage @ 6%	9.42								
	Total	166.42								
3	KSRRB M200-24:- dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces no exceeding 0.02 Cum in volume and stock piling at designated locations and disposal of dismantled materials upto a lead of 1000 meters, stacking serviceable and unserviceable materials separately complete as per specifications. MORTH specifications. No. 202, (P.No. 138/ Item No. 18.47)	Cum								
			2	3.00	1.20	0.75	5.40			
							5.40	827.86	4470.44	
	Basic Rate	781.00								
	Area Weightage @ 6%	46.86								
	Total	827.86								
4	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregate /sand/kaner/ Moorum KSRRB M100-1 Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications MORTH -100/ Chapter 1 (Page No.133/ Item No 17.1)	Cum								
							Qty Vide Item No.2	243.00	100.00	24300.00
	Average Weight of Earth 1.28 Tonne/Km									

ge

Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
Basic Rate Lead Charges for 10.00 Kms (2.50X1.28X10.00)	32.00							
Add loading and unloading Item No 17.1)	68.00							
Total	100.00							

- 5 KSRB 2-2.1 : **Earth work excavation** for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, **in ordinary soil** not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No, KBS 2 1(a) / 2 3 5, No 5/Item No. 2.3)

	Cum							
water Line		1	50.00	0.60	0.60	18.00		
Sanitary Coonection		1	20.00	0.90	1.50	27.00		
						45.00	200.34	9015.00
Basic Rate	189.00							
Area Weightage @ 6 %	11.34							
Total	200.34							

- 6 Providing and fixing to wall, ceiling and floor, medium density polyethylene pipes 6.00 kgs/sq.cm working pressure 63mm outside diameter with special flange, compression type fittings, wall clips , making good the wall, ceiling and floor including cost all material, labour charges, HOM of equipments and testing complete as per specifications.(P.N .93 I.N 13.70.2)

	Rmtr							
water Line		1	50.00			50.00		
						50.00	289.38	14469.00
Basic Rate	273.00							
Area Weightage @ 6 %	16.38							
Total	289.38							

- 7 Providing and fixing to wall, , ceiling and floor unplasticised PVC pipes 6.00 kgs/sq cm working pressure with pipe fitting wall clips, making good the wall, ceiling and floor for sanitary pipelines including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications.-do- with 150mm dia (Page No.88/Item No. 12.116.4)

	Mtr							
for Sanitary Line		1	20.00			20.00		
						20.00	879.80	17596.00
Basic Rate	830.00							
Area Weightage @ 6 %	49.80							
Total	879.80							

- 8 Refilling available earth around pipelines, cables in layers not exceeding 20cms in depth compacting each deposited layers by ramming after watering lead upto 50m and lift upto 1.5m including cost of labour complete as per specification (P.No.6 I.No.2.11)

Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
	Cum							
					Qty Vide Item No.1	45.00	80.56	3625.00
Basic Rate	76.00							
Area Weightage @ 6 %	4.56							
Total	80.56							
9 KSRB 13-6.3.1: Providing and fixing in position brass gate valve with C.I. wheel of approved quality (screwed end) 50 mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No. KBS 13.2.6 / 13.3 (Page No.92/Item No.13.37)								
	Each							
		1				1	2175.12	2175.00
Basic Rate	2052.00							
Area Weightage @ 6 %	123.12							
Total	2175.12							
10 Providing and fixing on position brass bib cock of approved quality 25mm dia nominal bore including cost of all materials labour and HOM of equipments with all leads complete as per specifications.(P.N.91 I.N 13.25)								
	Each							
		2				2.00	288.32	577.00
Basic Rate	272.00							
Area Weightage @ 6 %	16.32							
Total	288.32							
11 Refixing stone slabs of drains and pointing in C.M.(1:3)(P.No.25/I.No.5.33)								
	Sqm							
					Qty Vide Item No.1	36.00	80.56	2900.00
Basic Rate	76.00							
Area Weightage @ 6%	4.56							
Total	80.56							
12 1023 - Hire charges of Tractor 40HP including operator and fuel (P.No XXXXVI Code No.1023 SI No 19 PWD SR 2016-17)								
	Day							
		1 X 2				2.00	1520.00	3040.00
Basic Rate	1520.00							
13 1031 - Hire charges of J.C.B Excavator (P.No XXXXVI Code No.1031 SI No.23 PWD SR 2016-17)								
	Day							
		1 X 2				2.00	6720.00	13440.00
Basic Rate	6720.00							

gr

Description of Item			Unit	No.	L
Engaging (Unskilled)	Casual mazdoor	Labours Heavy)	No's		
(P.No.LIV SL.No.5 PWD SR 2016-					
				2 X 10	
				20.00	258.88 5178.00

Basic Rate 258.88

- 15 KSRRB M400-6.1. Construction of granular sub-base by providing close graded material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. A. Plant Mix Method. Close graded granular sub-base material as per 400-1 For Grading- II Material (P.No.155 It.No.20.4.2)

	Cum						
	1	28.00	8.00	0.15	33.60		
for road					33.60	1665.26	55953.00

Basic Rate 1571.00

Area Weightage @ 6% 94.26

Total 1665.26

- 16 KSRB 4-1.3: Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No KBS 4 1, 4.2 (P.12/I.4.3)

	Cum						
	1	28.00	8.00	0.15	33.60		
for road					33.60	5159.02	173343.07

Basic Rate 4867.00

Area Weightage @ 6% 292.02

Total 5159.02

- 17 Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC) M20 for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, for raft foundation, column footing, main and secondary beams with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Page No.18 / Item No. 4.48)

	Cum						
	1	28.00	8.00	0.125	28.00		
					28.00	6231.74	174488.72

Basic Rate 5879.00

Area Weightage @ 6% 352.74

Total 6231.74

- 18 Vaccum De-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator HOM of machinery Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift (P.177/I.22.7)

gy

Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
	Sqm	1	28.00	8.00		224.00		
						224.00	95.40	21369.60
Basic Rate	90.00							
Area Weightage @ 6%	5.40							
Total	95.40							

- 19 Providing Groove cutting for width of 5mm to 10mm and depth 80mm-100mm including cost of cutting machine generator and HOM of machinery including cost of blade, coolant etc., including cleaning aof groove & providing sand and hot bitumen fillars and filler metal etc, including cost of conveyance of all materials, labour, lead and lift charges and all the other incidental charges as per drawing and as per specifications, MORTH specification. (P.178/ I.22.8)

	m	1	28.00			28.00		
		3	8.00			24.00		
						52.00	121.90	6338.80
Basic Rate	115.00							
Area Weightage @ 6%	6.90							
Total	121.90							

20 Miscellaneous and unforeseen charges	LS							814.36
Grand Total Amount								575000.00

(Rupees Five Lakhs and Seventy Five Thousand Only)

CERTIFICATE

- The site has been inspected and the work is found to be necessary.
- The rates adopted are as per PW, P IWTDR SR of 2016-17
- The provisions were made in this estimate are necessary and adequate.
- The area comes under the Bruhat Bengaluru Mahanagara Palike Limits.

K.R.J DL charges - 9% + 51750.00
Total Rs 6,26,750.00

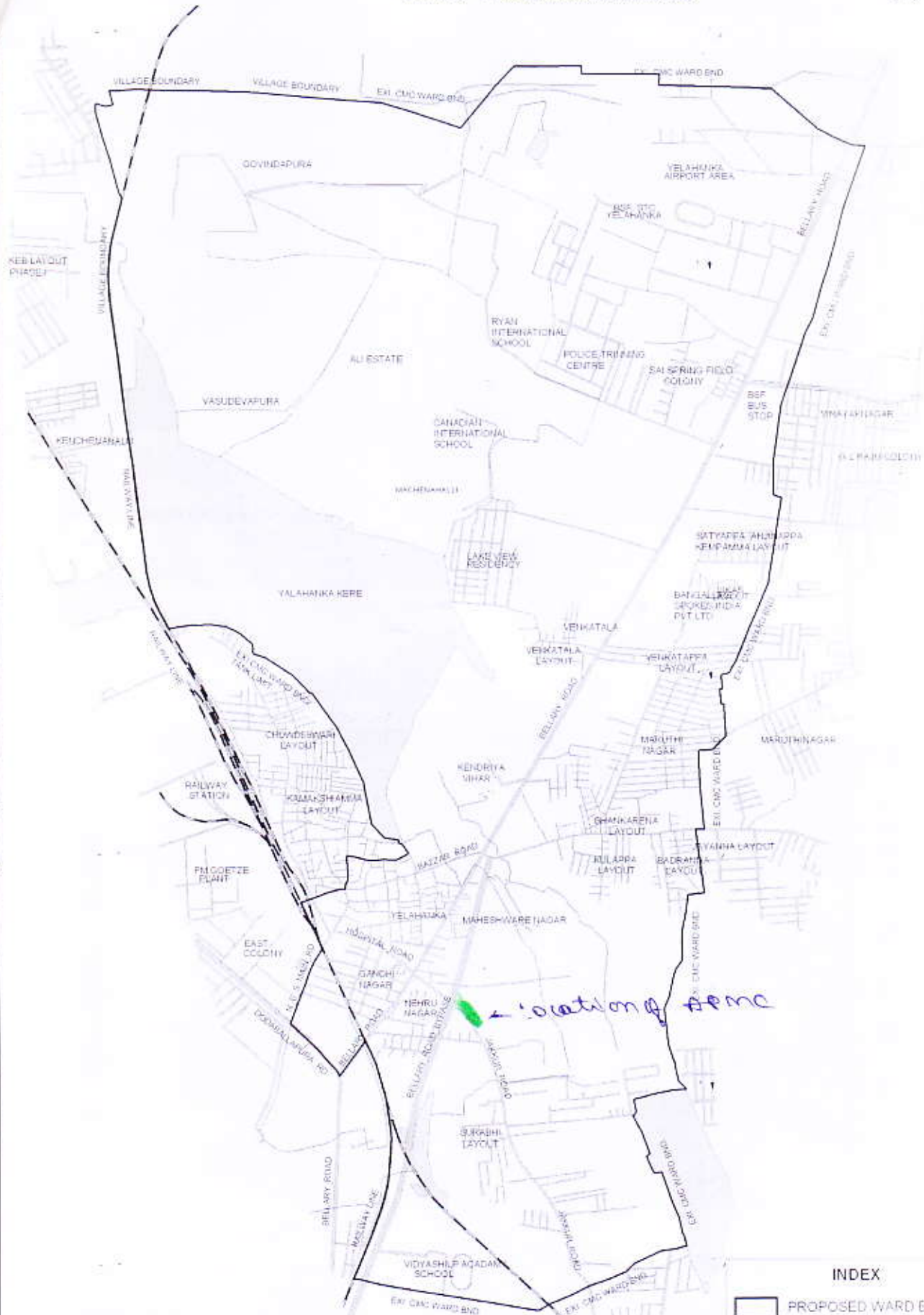
Assistant Engineer
Ward No.01

Assistant Executive Engineer
Yelahanka Sub-Division
B.B.M.P

Administrative Sanction for Rs. 6,26,750.00
Six Lakhs Twenty Thousand & Seven Fifty
is accorded under head P-3106 - Nagarotara grants
Registered as CE No. EE/YNIC/PA/03/18-19-23-5-8
Subject to conditions as per P-3106 - Nagarotara grants
No. 1
Executive Engineer
Yelahanka Division
B.B.M.P

TECHNICAL SANCTIONED FOR Rs. 6,26,750.00
Rupees Six Lakhs Twenty Thousand & Seven Fifty
Under P-3106 Nagarotara grants
Registered as CE (Y) No. EE/YNIC/TS/03/18-19-23-5-8
Subject to conditions as per P-3106 - Nagarotara grants
enclosed with P-3106 - Nagarotara grants
Dated 23-05-18
6,26,750.00
Executive Engineer

BRUHAT BANGALORE MAHANAGAR PALIKE WARD: 1- KEMPEGOWDA WARD



NOTIFICATION NO. UDD 59 MLR 2009. DATE. 15.07.09

INDEX

- PROPOSED WARD BOUNDARY
- RIVER/ DRAIN
- RAILWAY LINE
- ROAD

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore